

IN THE SPECIFICATION

Please insert the amend the paragraph at p. 6, l. 30-p. 7, l. 23, as follows:

Other characteristics and advantages of the invention will appear after reading preferred embodiments of the invention with reference to the attached figures among which:

- Figure 1 shows a block diagram of an X photon or gamma detector according to prior art;
- Figure 2 shows an electrical diagram for a voltage/voltage amplifier of an X photon or gamma detector according to prior art;
- Figure 3 shows an electrical diagram for a voltage/voltage amplifier;
- Figures 4A, 4B, 5A and 5B represent different variants of an improved voltage/voltage amplifier;
- Figure 6 shows a voltage/voltage amplifier according to a first embodiment of the invention;
- Figure 7 shows a voltage/voltage amplifier according to a second embodiment of the invention;
- Figure 8 shows an improvement to the voltage/voltage amplifier shown in Figure 6;
- Figure 9 shows an example embodiment of a voltage/voltage amplifier according to the invention;
- Figure 10 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention;
- Figure 11 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention;
- Figure 12 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention;

- Figure 13 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention;
- Figure 14 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention;
- Figure 15 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention;
- Figure 16 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention;
- Figure 17 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention;
- Figure 17 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention;
- Figure 18 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention;
- Figure 19 shows a voltage/voltage amplifier according to a variation of the first embodiment of the invention.

Please insert the amend the paragraph at p. 17, l. 7-p. 17, l. 12, as follows:

In the same way as above, precise equality between currents  $I_0$  and  $I_1$  may be achieved by a slaving device as shown in Figures 10-19 ~~that is not shown in Figure 6 to avoid making the drawing too complicated.~~ The slaving device is then made, for example, by any one of the slaving devices described above (see Figures 4A-5B).